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Preliminary Report

U-2 Reconnaissance Missions C335C and C325C flown 27 and 28 May 1965

14 June 1965



DIRECTORATE OF SCIENCE AND TECHNOLOGY

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NSA review(s) completed.

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Preliminary Report

U-2 RECONNAISSANCE MISSIONS C335C and C325C
flown 27 and 28 May 1965

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14 June 1965

CENTRAL INTELLIGENCE AGENCY
Directorate of Science and Technology

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U-2 Reconnaissance Missions C335C and C325C
flown 27 and 28 May 1965

MISSION HIGHLIGHTS

Mission C335C, flown 27 May, was over south China for approximately 2½ hours and collected photographic intelligence on 45 COMOR targets [REDACTED]

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[REDACTED] and 18 bonus targets.

Mission C325C, flown 28 May along the China coast opposite Taiwan, was over Communist territory for 1 hour and obtained photographic coverage of 25 COMOR targets and 2 bonus targets. This mission was flown in response to priority requirements [REDACTED]

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Although the types of fighters reacting to the missions [REDACTED] indicate that they were probably MIG-17s or MIG-19s. Lacking the capability to attain U-2 altitude, their probable task was to await any malfunction which would force a mission aircraft down to a vulnerable altitude.

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BACKGROUND

Mission C335C, flown 27 May 1965, covered targets in south China, penetrating the mainland near Canton and exiting in the vicinity of Swatow. The mission was 1,963 nautical miles in length and lasted 4 hours and 42 minutes. The U-2 was over the Chinese Communist mainland for 2 hours and 21 minutes. The weather was unusually good en route.

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Mission C325C penetrated the mainland north of Swatow and exited just north of Foochow. The relatively short mission was over the mainland for 1 hour and 9 minutes during which time the pilot reported no unusual events or intercept attempts.

ANALYTICAL FINDINGS

Mission C335C
27 May 1965

AIR DEFENSE REACTIONS

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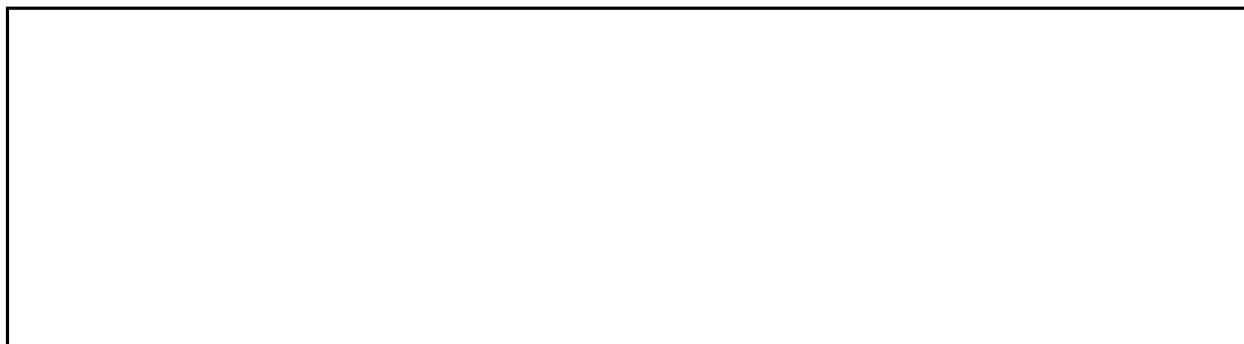
Fighter Reactions -- The pilot reported seeing contrails twice during the mission. The first sighting was of two contrails low and to the left of the U-2 while in the vicinity of Canton. The second sighting was over Leiyang, where the pilot reported seeing one contrail to his right and low. The contrail level was approximately 43,000 to 56,000 feet. During both contrail observations the pilot was unable to identify the type of fighter aircraft or to distinguish color or markings. [REDACTED]

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PHOTOGRAPHY

A preliminary study of the mission photography shows that 63 targets were covered in nearly cloud-free photography, including 11 airfields, 34 military complexes, 2 naval facilities, and 16 industrial complexes. These targets included 45 on the COMOR list; one scheduled COMOR target was not photographed because of cloud cover.

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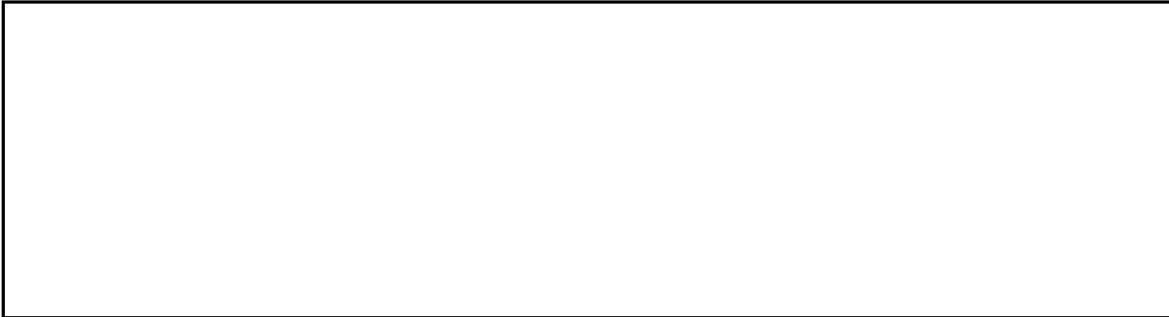
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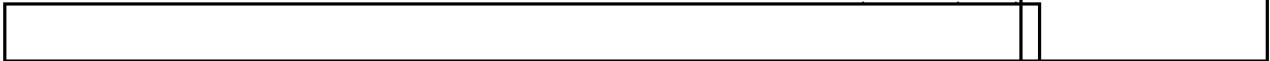
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PHOTOGRAPHY

Preliminary field interpretation of the photography indicates that the mission covered the following targets: 4 airfields; 17 military installations; 4 naval facilities; 9 urban areas; and 1 electronics facility. In all, 25 COMOR targets were covered. Eight COMOR targets were obscured by clouds or not covered. Two bonus targets observed were medium AAA sites near Lung-Tien (25°28'N, 119°38'E).

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Table 1 Mission C335C

PRIORITY I TARGETS

Huang Pu Naval Base
Nan Hai/Kuang Chou A/F (Fo Shan)
Heng Yang Ammo Depot, ENE
Kueilin Bks.
Lei Yang A/F
Shan Tou Naval Base

OTHER TARGETS

Lung Chi A/F
Tang Chia Mil. Instal. (Chung Shan)
Chang Mu Tao Army Bks., W
Huang Pu Army Supply Depot, E
Sha Ho Storage Area (Canton, variant
Kuang Chou)
Canton Complex (Kuang Chou)
Kuang Chou Mil. Storage Area
Kuang Chou/White Cloud A/F (Canton)
Pi Tsun Army Bks., N

Che Chiang Army Bks., S.E.
Lei Yang Army Bks., WSW
Che Tien Army Bks., S
Chang Ku Ling Army Bks. (Chu Chiang)
Tsao Wu Storage Area
Ho Yuan Bks. Area
Lung Men Ammo Depot
Nan Ao Tao Isl. Storage & Mil. Camp
Chao An Army Bks., NW
Tung An Army Bks.

Hai Feng Area, Prob. Electronic Instal.
Chieh Yang Army Bks., ESE
Ching Yang A/F
Hsing Ning A/F
Li Chia Tsun A/F
Shu' Kou A/F
Yang Tang A/F
Fo Shan Radar Station
Hua Yang Army Bks., West Ordnance Depot
Chang Ning Hsin Hsu Army Bks., N
Shang Lo Tsun Supply Depot and Bks. Area
Hui Yang Training Area
Kuei Lin
Weng Yuac Uranium Mining
Shag Kuan Chemical Plant
Keng Wei Army Bks., N
Shan Tou Army Bks., Lien Tang
Swatow A/F, NE
Amoy/Lung Chi Port

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Table 2 Mission C325C

PRIORITY I TARGETS

[REDACTED] Shan Tou Naval Base

OTHER TARGETS

[REDACTED] Tung An Army Bks.
Nan Ao Tao Isl. Storage & Mil. Camp
Swatow A/F, NE
Chao An Army Bks., NW
Amoy/Lung Chi Port
Keng Wei Army Bks., N
Shan Tou Army Bks., Lien Tang
Lung Chi A/F
Hai Feng Area, Prob. Electronic Instal.
An Hai Army Bks.
Fu Chou Army Supply Depot
Lung Tien A/F

[REDACTED] Hsien Yu Army Bks.
Lo Chi Army Bks., SSW
Ta Yu Chien Army Bks. & Ammo Storage
Lung Chi Army Bks.
Hsing Ning A/F
Hia Tzu Sus. Mil. Instal.
Nan An Army Bks.
Nan Jih Tao
Pu Ning Army Bks., SW
Hsiang Kou Bks. (Lung Chi)
Hai Tan Isl. Naval Base
Shan Tou N/P Facility & A/F

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SOURCES

This preliminary technical evaluation of two U-2 reconnaissance missions flown over parts of south and southeast China on 27 and 28 May 1965 was developed for the 303 Committee by the following elements of the Directorate of Science and Technology:

Office of Scientific Intelligence
Office of Special Activities
[REDACTED]

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The evaluations are based on information and data provided by:

[REDACTED]
National Photographic Interpretation Center,
Washington, D.C.

[REDACTED]
Graphics support has been provided by the Office of Research and Reports of the Directorate of Intelligence.

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